HARITHA PALLAM, MS., MPH., PhD(c)

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EDUCATION

University of Louisville   Louisville, KY
Ph.D. candidate in Health management and Systems Science. GPA: 3.7/4.00   Expected Dec, 2021

University of Louisville   Louisville, KY
M.S. Master of Public Health (Epidemiology). GPA: 3.6/4.00   May, 2010

Kakatiya University   Telangana, India
M.S. Master of Science (Microbiology).   May, 2004

PROFESSONAL EXPERIENCE

Epidemiologist   May 2010
Louisville Metro Department of Public Health and Wellness (LMPHW), Louisville, KY   - Present

- **Proficient in coordinating cross-disciplinary evidence-based interventions** to leverage data and simulations. Ex: (1) A mixed methods study: COVID-19 Essential Needs Program (ENP) coordination and evaluation, funded through CDC's national initiative to address COVID-19 health disparities among populations at high-risk and underserved, including racial and ethnic minority populations and rural communities.
  Prospective mixed methods study: Communities Transformation Grant - smoke free multiunit housing study; Predictive modeling: Determinants of selection into Women Infant and Child program; Precede-Proceed model: Community health needs assessment (CHNA).

- **Proficient in designing valid and efficient protocols**, applying quantitative and qualitative skills including outcome measures, statistical sampling and study design, hypothesis testing, and measures of association to analyze and synthesize epidemiologic evidence. Ex: helped establish data management systems and reporting infrastructure for COVID-19 response project such as Essential Needs Program

- **Serves as a principle data liaison** for all health outcomes data for Louisville Metro Government.

- **Lead in survey design, data collection, complex analysis and reporting** of Jefferson County locally conducted Behavioral Risk Factor Surveillance Survey (BRFSS), Vital statistics, Hospitalization data.

- **Lead Evaluator** developed and standardized data collection processes **for over 20 projects.**

- **Expert in geospatial analysis and data visualizations** using ARC GIS online and Power BI to generate regular data-rich reports, web applications, periodicals and delivers oral briefs.

- **Creates training modules** to provide continuing education to health officials, external collaborators and students. **Mentored 7 MPH practicum internship students.**

<div align="center">**ACADEMIC CREDENTIALS/ EXPERIENCE**</div>

Graduate Researcher (PhD) in Health management and Systems Science, University of Louisville

- Designed and executed mixed methods studies. Ex: (1) understanding barriers to effective and equitable COVID-19 response through the evaluation of Essential Needs Program in Louisville Metro
  (2) role of father/supportive male engagement in early childhood outcomes. Worked in teams of 5 to complete multiple ethnographic studies.
- Created multiple predictive models and analytical protocols using SPSS, STATA, and R.
- Completed various economic, policy and health impact assessment projects to evaluate efficacy of health systems.

Master of Public Health (MPH), University of Louisville

- Performed data collection and analysis to confirm extreme drug resistant nosocomial outbreak in an urban hospital setting in Louisville.
- Conducted analytical studies and social network analysis to generate hypothesis around risk factors.

<div align="center">**COMPETENCIES**</div>

Statistical analysis: SPSS, STATA and R.

Data Visualization: Arc GIS, Power BI.

MS Office: Word, Power point, MS Excel

<div align="center">**PRESENTATIONS/LECTURES/MENTORING**</div>

- **Invited lecture** for undergraduate applied epidemiology class, School of Public Health and Information Science, University of Louisville (2019).
- **Training Lead** on qualitative data collection methods to Division of Maternal child Health, LMPHW, Louisville, KY (Nov 2019).
- **Training Lead** to all staff on data collection and survey design to streamline and standardize internal processes. LMPHW, Louisville, KY (Summer 2019).
- **Invited talk** at CityMatCH Maternal and Child Health (MCH) national conference on Louisville Metro collective impact model, Washington DC, 2017.

<div align="center">**SELECTED PUBLICATIONS**</div>

1. 2019 Vital statistics data brief:
   https://louisvilleky.gov/sites/default/files/health_and_wellness/birthdeathtrends2013-2017louisville12312019.pdf
2. 2019 Food establishments' interactive web app:
   https://lojic.maps.arcgis.com/apps/opsdashboard/index.html#/7f3000c13884429285be735c8e247adb
3. 2018 LMPHW annual report

4. 2017 Customer satisfaction report: https://louisvilleky.gov/sites/default/files/health_and_wellness/oppe_-_datareports/2017customer_service_report.pdf
5. The Louisville Metro Syringe Exchange Program, Overdose Deaths, Naloxone Training & Administration data brief: https://louisvilleky.gov/sites/default/files/health_and_wellness/oppe_-_datareports/sep_overdose_factsheet_09-05-2017_hpallam_final.pdf
6. 2016 Jefferson County Behavioral Risk Factor Surveillance Survey report